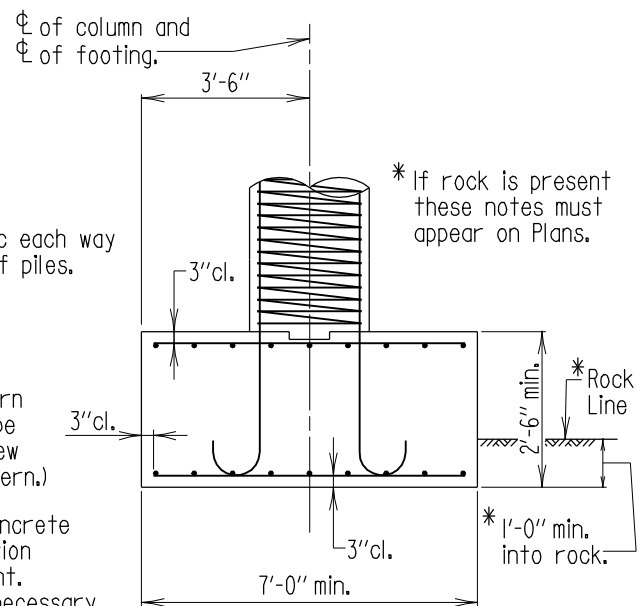


SECTION A-A WITH PILES

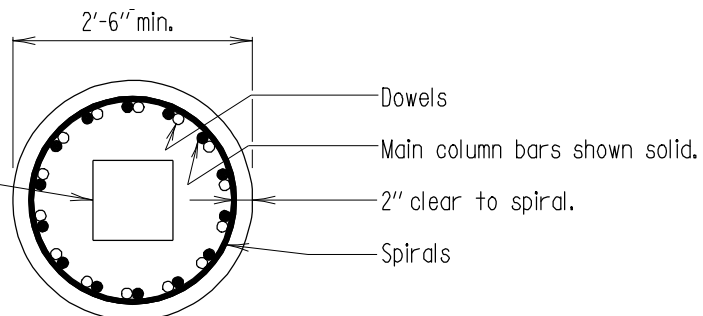
Scale: $\frac{1}{4}" = 1'-0"$



SECTION A-A SPREAD FOOTING

Scale: $\frac{1}{4}" = 1'-0"$

10" x 10" x Minimum Depressed Key, centered in column at top and bottom of column.



SECTION B-B

Scale: $\frac{1}{2}" = 1'-0"$

MAXIMUM NUMBER OF MAIN COLUMN BARS			
Column Diameter	#9	#10	#11
2'-6"	16	15	14
2'-8"	18	16	15
2'-10"	19	18	17
3'-0"	20	19	18
3'-2"	22	20	19
3'-6"	25	23	22

FOR OFFICE USE ONLY

Note:

1. Reinforcing steel for column spirals shall be cold drawn steel conforming to ASTM A 82.
2. The design bearing pressure for spread footings shall be shown on applicable Pier Sheet thus: "Maximum Design Bearing Pressure for Pier ____ is ____ Tons/s.f."

FHWA APPROVAL
DATE:

APPROVAL	
<i>E.S. Friedman</i>	DIRECTOR
OFFICE OF BRIDGE DEVELOPMENT	
DATE: 10/2/81	
REVISIONS	
SHA	FHWA
7-20-82	
3-20-95	
1-22-01	

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF BRIDGE DEVELOPMENT

DESIGN CRITERIA FOR
TYPICAL REINFORCED CONCRETE PIER

STANDARD NO. BR-SB(2.01)-81-125

SHEET 4 OF 4

SUBSTRUCTURE - PIER